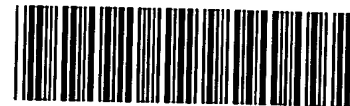


Paras J. Peter

ENTERED



1600

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/348,469

DATE: 01/29/2003

TIME: 12:02:37

Input Set : N:\Crf3\RULE60\09348469.raw.txt
Output Set : N:\CRF4\01292003\I348469.raw

SEQUENCE LISTING

3 (1) GENERAL INFORMATION:

5 (i) APPLICANT: SMITH, Austin Gerard
6 MOUNTFORD, Peter Scott
7 LATHE, Richard Frank

9 (ii) TITLE OF INVENTION: EXPRESSION OF HETEROLOGOUS GENES
10 ACCORDING TO A TARGETED EXPRESSION PROFILE

12 (iii) NUMBER OF SEQUENCES: 9

14 (iv) CORRESPONDENCE ADDRESS:

15 (A) ADDRESSEE: Finnegan, Henderson, Farrabow, Garrett &
16 Dunner, L.L.P.

17 (B) STREET: 1300 I Street, N.W.

18 (C) CITY: Washington

19 (D) STATE: D.C.

20 (E) COUNTRY: USA

21 (F) ZIP: 02005

23 (v) COMPUTER READABLE FORM:

24 (A) MEDIUM TYPE: Floppy disk

25 (B) COMPUTER: IBM PC compatible

26 (C) OPERATING SYSTEM: PC-DOS/MS-DOS

27 (D) SOFTWARE: PatentIn Release #1.0, Version #1.30

29 (vi) CURRENT APPLICATION DATA:

C--> 30 (A) APPLICATION NUMBER: US/09/348,469

C--> 31 (B) FILING DATE: 07-Jul-1999

W--> 36 (C) CLASSIFICATION:

49 (vii) PRIOR APPLICATION DATA:

34 (A) APPLICATION NUMBER: US/08/537,765

35 (B) FILING DATE: 25-JAN-1996

38 (A) APPLICATION NUMBER: PCT/GB94/00849

39 (B) FILING DATE: 21-APR-1994

42 (A) APPLICATION NUMBER: GB 9308271.7

43 (B) FILING DATE: 21-APR-1993

46 (A) APPLICATION NUMBER: GB 9313323.9

47 (B) FILING DATE: 28-JUN-1993

50 (A) APPLICATION NUMBER: GB 9401011.3

51 (B) FILING DATE: 20-JAN-1994

53 (viii) ATTORNEY/AGENT INFORMATION:

54 (A) NAME: McDonell, Leslie A

55 (B) REGISTRATION NUMBER: 34,872

56 (C) REFERENCE/DOCKET NUMBER: 06999.0001

58 (ix) TELECOMMUNICATION INFORMATION:

59 (A) TELEPHONE: (202) 408-4000

60 (B) TELEFAX: (202) 408-4400

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/348,469

DATE: 01/29/2003

TIME: 12:02:37

Input Set : N:\Crif3\RULE60\09348469.raw.txt

Output Set: N:\CRF4\01292003\I348469.raw

63 (2) INFORMATION FOR SEQ ID NO: 1:
65 (i) SEQUENCE CHARACTERISTICS:
66 (A) LENGTH: 6 base pairs
67 (B) TYPE: nucleic acid
68 (C) STRANDEDNESS: double
69 (D) TOPOLOGY: linear
71 (ii) MOLECULE TYPE: DNA (genomic)
76 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
78 CCATGG

80 (2) INFORMATION FOR SEQ ID NO: 2: 6
82 (i) SEQUENCE CHARACTERISTICS:
83 (A) LENGTH: 15 base pairs
84 (B) TYPE: nucleic acid
85 (C) STRANDEDNESS: double
86 (D) TOPOLOGY: linear
88 (ii) MOLECULE TYPE: DNA (genomic)
93 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
95 GAATTGATAT CAATT

97 (2) INFORMATION FOR SEQ ID NO: 3: 15
99 (i) SEQUENCE CHARACTERISTICS:
100 (A) LENGTH: 5 base pairs
101 (B) TYPE: nucleic acid
102 (C) STRANDEDNESS: double
103 (D) TOPOLOGY: linear
105 (ii) MOLECULE TYPE: DNA (genomic)
110 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
112 TTTCC

114 (2) INFORMATION FOR SEQ ID NO: 4: 5
116 (i) SEQUENCE CHARACTERISTICS:
117 (A) LENGTH: 28 base pairs
118 (B) TYPE: nucleic acid
119 (C) STRANDEDNESS: double
120 (D) TOPOLOGY: linear
122 (ii) MOLECULE TYPE: DNA (genomic)
127 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
129 TTTCCTTTGA AAAACACGAT AACCATGG

131 (2) INFORMATION FOR SEQ ID NO: 5: 28
133 (i) SEQUENCE CHARACTERISTICS:
134 (A) LENGTH: 5 base pairs
135 (B) TYPE: nucleic acid
136 (C) STRANDEDNESS: double
137 (D) TOPOLOGY: linear
139 (ii) MOLECULE TYPE: DNA (genomic)
144 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
146 GACGT

148 (2) INFORMATION FOR SEQ ID NO: 6: 5
150 (i) SEQUENCE CHARACTERISTICS:
151 (A) LENGTH: 5 base pairs
152 (B) TYPE: nucleic acid

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/348,469

DATE: 01/29/2003

TIME: 12:02:37

Input Set : N:\Crf3\RULE60\09348469.raw.txt

Output Set: N:\CRF4\01292003\I348469.raw

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153          (C) STRANDEDNESS: double
154          (D) TOPOLOGY: linear
156      (ii) MOLECULE TYPE: DNA (genomic)
161      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:
163 GACGC
165 (2) INFORMATION FOR SEQ ID NO: 7:
167     (i) SEQUENCE CHARACTERISTICS:
168         (A) LENGTH: 16 base pairs
169         (B) TYPE: nucleic acid
170         (C) STRANDEDNESS: double
171         (D) TOPOLOGY: linear
173     (ii) MOLECULE TYPE: DNA (genomic)
178     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:
180 GACGTGATAT CACGTC
182 (2) INFORMATION FOR SEQ ID NO: 8:
184     (i) SEQUENCE CHARACTERISTICS:
185         (A) LENGTH: 9 base pairs
186         (B) TYPE: nucleic acid
187         (C) STRANDEDNESS: double
188         (D) TOPOLOGY: linear
190     (ii) MOLECULE TYPE: DNA (genomic)
195     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:
197 TAAGATATC
199 (2) INFORMATION FOR SEQ ID NO: 9:
201     (i) SEQUENCE CHARACTERISTICS:
202         (A) LENGTH: 22 base pairs
203         (B) TYPE: nucleic acid
204         (C) STRANDEDNESS: double
205         (D) TOPOLOGY: linear
207     (ii) MOLECULE TYPE: DNA (genomic)
212     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:
214 GGATCCGCGT CGACCACTGC AG

```

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/348,469

DATE: 01/29/2003

TIME: 12:02:38

Input Set : N:\Crf3\RULE60\09348469.raw.txt

Output Set: N:\CRF4\01292003\I348469.raw

L:30 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]
L:31 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]
L:36 M:238 W: Alpha Fields not Ordered, Reordered [(C) CLASSIFICATION:] of (1)(vi)